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Reference P27528EP/IK	Application No./Patent No. 03757539.6 - 2225 PCT/AU0301412
Applicant/Proprietor Dilithium Networks Pty Limited	

Communication

The European Patent Office herewith transmits the partial supplementary European search report under Rule 46(1) EPC relating to the above-mentioned European patent application.

Copies of the documents cited in the supplementary search report are enclosed.

The applicant's attention is drawn to the following:

The Search Division informs the applicant that if the supplementary European search report is also to cover inventions other than the invention first mentioned in the claims, a further search fee must be paid for each of these inventions, within **one month** after notification of this communication.

For applications with an international filing date up to 30 June 1999, the amount payable for a search fee requested under Rule 46(1) EPC is EUR 869,-- (OJ EPO 2006, 495).

For applications with an international filing date between 1 July 1999 and 30 June 2005, the amount payable for a search fee requested under Rule 46(1) EPC is EUR 720,-- (OJ EPO 2006, 495).

- ☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

Note to users of the automatic debiting procedure:

Unless the EPO receives prior instructions to the contrary, the search fee(s) will be debited on the last day of the period for payment. For further details see the Arrangements for the automatic debiting procedure, Supplement No.2 to Official Journal No.01/2005.



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European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**
under Rule 46, paragraph 1 of the European Patent
Convention

Application Number

EP 03 75 7539

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 02/080147 A (LOCKHEED CORP [US]) 10 October 2002 (2002-10-10) * abstract; figure 3 * * page 9, line 1 - page 11, line 4 *	1,22,26	INV. G10L19/14
A	KYUNG TAE KIM ET AL: "An efficient transcoding algorithm for G.723.1 and EVRC speech coders" VTC FALL 2001. IEEE 54TH. VEHICULAR TECHNOLOGY CONFERENCE. PROCEEDINGS. ATLANTIC CITY, NJ, OCT. 7 - 11, 2001, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 4. CONF. 54, 7 October 2001 (2001-10-07), pages 1561-1564, XP010562224 ISBN: 0-7803-7005-8 * abstract; figures 1,2 *	1-22, 26-38	
			TECHNICAL FIELDS SEARCHED (IPC)
			G10L
LACK OF UNITY OF INVENTION			
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:			
see sheet B			
The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.			
Place of search		Date of completion of the search	Examiner
Munich		18 July 2007	Zimmermann, Elko
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-22, 26-38

LP overflow module for preventing overflow.

2. claims: 23,25

Pitch gain codebook for reducing the complexity of the adaptive codebook search.

3. claim: 24

Target processing module for fast fixed codebook mapping.

W002/080147 (see the abstract) discloses the common features of claims 22-24. It discloses an apparatus for mapping coding parameters between a source coding scheme and a destination coding scheme.

Claim 22 additionally claims an LP overflow module. This feature solves the problem of preventing overflow.

Claim 23 additionally claims a pitch gain codebook. This feature solves the problem of reducing the complexity of the adaptive codebook search.

Claim 24 additionally claims a target processing module. This feature solves the problem of fast fixed codebook mapping.

The special technical features of claims 22-24 are not corresponding. Thus, there is no technical relationship among the inventions claimed in claims 22-24, hence the inventions are not so linked as to form a single general inventive concept (Rule 30 EPC). Therefore the application lacks unity (Article 82 EPC).

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 75 7539

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-07-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02080147 A	10-10-2002	US 2005159943 A1	21-07-2005
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